

## Ordering Information

Family	Distribution	Lamp Type	No. of Lamps	Housing	Module Length	Wiring	Voltage	Ballast	Finish
<b>BSL</b>	<b>3</b>	<b>T</b>	<b>02</b>	<b>EN</b>					
	3 = Indirect	T = T8	02 = 2 Light	EN = Solid	04 = 4' 08 = 8' 12 = 12'	1 = 1cct. 2 = 2cct. 3 = 1cct. w/EC/NL 4 = 2cct. w/EC/NL 5 = 1cct. w/EM Battery 6 = 2cct. w/EM Battery 7 = 1cct. w/Dimming 8 = 1cct. w/1cct. Thru wire 9 = 2cct. w/1cct. Thru wire <b>Note:</b> Please consult wiring section of spec sheets for more wiring options.	1 = 120V 2 = 277V	E = Standard <20% THD F = Standard <20% THD w/fusing G = <10% THD, Instant Start H = <10% THD, Instant Start w/fusing J = <10% THD, Program Start K = <10% THD, Program Start w/fusing	C = Custom Color W = Standard White

## Specifications

### Features

1. Housing: die-formed 20ga. cold rolled steel
2. End Set: die-cast metal with baked powder coat finish
3. Lamping: two T8 lamps
4. Configuration: 4', 8' and 12' module lengths or continuous rows
5. Ballasts: electronic 120V or 277V

### Finish

High-quality white powder coat with textured matte finish.  
Custom colors available. Consult factory.

### Mounting

Aircraft cable gripper is tamper-resistant and provides infinite vertical adjustment capability. Aircraft cable, crimp and cable gripper independently tested to meet stringent safety requirements.

### Electrical

All luminaires are factory pre-wired to module ends with quick-wire connectors.

### Joints & Intersections

Self-aligning joining system with hands-free pre-joining wire access.

### Labels

UL, CSA standards.

## Ordering Instructions

### Individual Fixtures

1. Determine the number of individual modules required
2. Order one end set per module
3. Order one non-power mount per module
4. Order one power mount per module

### Continuous Rows\*

1. Determine run length
2. Order the appropriate number and length of modules for complete run
3. Order one end set for each run
4. Order one non-power mount for each module
5. Order one power mount per run
6. Order one joiner per module minus one (e.g. 3 modules requires 2 joiners)

**\*Note:** Some runs may require additional power mounts. Please see the 'Run Configuration' table on next page for more details.

### Job Information

### Type:

**Job Name:**

**Cat. No.:**

**Lamp(s):**

**Notes:**

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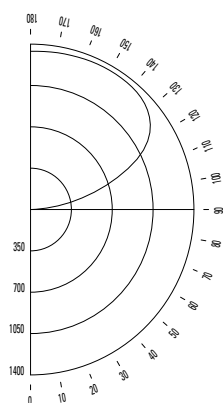
# Lighting Systems **Baselyte-BSL22**

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2 Light T8 Indirect

## Performance

### Candlepower Curve



Report No: 2101584

Lamps: F32T8

Lumens per Lamp: 2950

Efficiency: 87.7. %

Up: 100.0% Down: 0.0%

### Candlepower Summary

ZONE DEG.	CANDLEPOWER				
	0	22.5	45	67.5	90
180	1339	1339	1339	1339	1339
175	1332	1335	1339	1342	1343
165	1285	1297	1323	1342	1350
155	1196	1222	1287	1337	1358
145	1069	1115	1233	1323	1358
135	906	985	1164	1293	1339
125	713	839	1081	1209	1253
115	495	695	931	985	1007
105	266	490	600	558	565
95	68	114	166	131	136
90	2	2	10	4	6
85	0	0	0	0	0
75	0	0	0	0	0
65	0	0	0	0	0
55	0	0	0	0	0
45	0	0	0	0	0
35	0	0	0	0	0
25	0	0	0	0	0
15	0	0	0	0	0
5	0	0	0	0	0
0	0	0	0	0	0

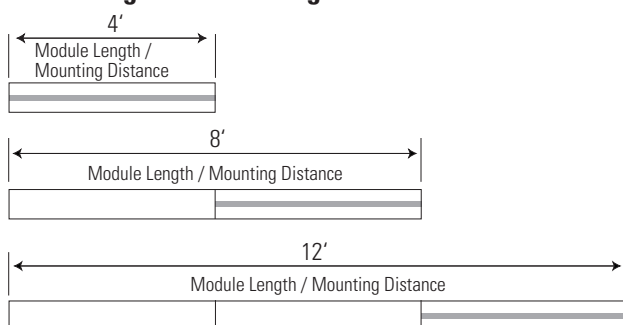
### Coefficients of Utilization

% EFFECTIVE CEILING CAVITY REFLECTANCE									
	80			70			50		
	% WALL REFLECTANCE								
	50	30	10	50	30	10	50	30	10
0	83	83	83	71	71	71	48	48	48
1	72	69	66	62	59	57	42	41	39
2	63	58	54	54	50	46	37	34	32
3	55	49	45	47	42	39	32	29	27
4	48	42	37	41	36	32	28	25	23
5	43	36	31	37	31	27	25	22	19
6	38	32	27	33	27	23	22	19	16
7	34	28	23	29	24	20	20	17	14
8	31	24	20	26	21	17	18	15	12
9	28	22	17	24	19	15	16	13	11
10	25	19	15	21	17	13	15	12	9

### Zonal Lumen Summary

ZONE	LUMENS	%BARE LAMP	%LUMINAIRE
0-90	0	0	0
90-180	5178	87.8	100.0
0-180	5178	87.8	100.0

## Module Lengths & Mounting Distances



**Note:** Shaded area indicates locations of emergency sections (emergency wiring controls all lamps or optional battery pack controls one or two lamps).

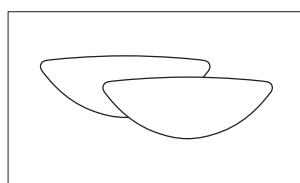
## Run Configuration

Run Length	4' Module	8' Module	12' Module	Joiner	End Set	Mount	Power Mount*
4' run	1				1	1	1
8' run		1			1	1	1
12' run			1		1	1	1
16' run		2		1	1	2	1
20' run		1	1	1	1	2	1
24' run			2	1	1	2	1
28' run		2	1	2	1	3	1
32' run		1	2	2	1	3	1

**\*Note:** Additional power mounts may be required for some runs with T5 HO lamping options, longer runs, and runs with wiring options that are more complex. Please consult factory for assistance.

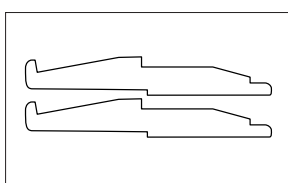
## System Components & Accessories

### End Set



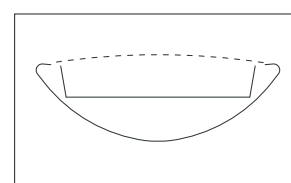
**BSLESW** = suspended standard white

### Joiner



**BSLJS** = suspended joiner

### Dust Cover



**BSLDCS** = 4' suspended dust cover

## Job Information

## Type:

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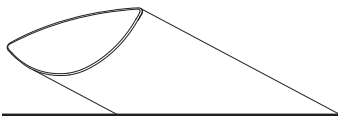
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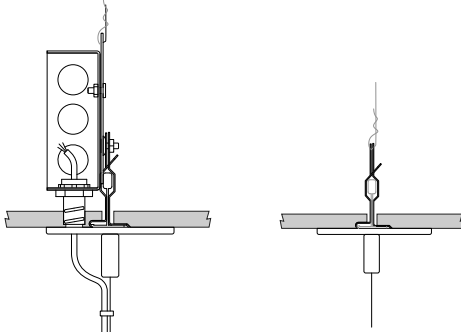
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## Mounting Options

### ☐ Mount Type: T-Bar 15/16" (On-Grid)\*



- 65 lbs maximum load
- Canopy: Diameter of 3 3/4"x 7/32"
- Cable: 7x7 stranded aircraft cable
- Supported by T-bar and secured to structure
- J-Box: 4" square (supplied by others)
- Fully adjustable vertically at fixture

1-Power Mount

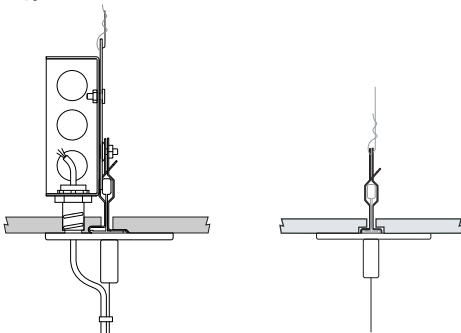
Non-Power Mount

Supension Length

	2'	4'	8'	12'
1-Power Mount				
3 Conductor	BSLM6102P13	BSLM6104P13	BSLM6108P13	BSLM6112P13
4 Conductor	BSLM6102P14	BSLM6104P14	BSLM6108P14	BSLM6112P14
7 Conductor	BSLM6102P17	BSLM6104P17	BSLM6108P17	BSLM6112P17

Non-Power Mount	BSLM6102N	BSLM6104N	BSLM6108N	BSLM6112N
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### ☐ Mount Type: T-Bar 9/16" (On-Grid)\*



- 65 lbs maximum load
- Canopy: Diameter of 3 3/4"x 7/32"
- Cable: 7x7 stranded aircraft cable
- Supported by T-bar and secured to structure
- J-Box: 4" square (supplied by others)
- Fully adjustable vertically at fixture

1-Power Mount

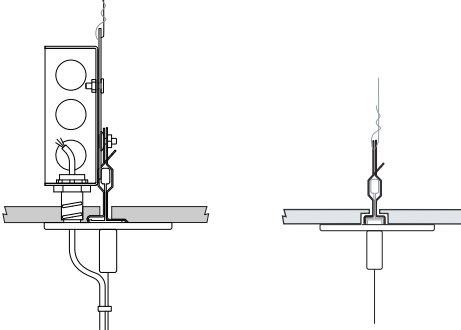
Non-Power Mount

Supension Length

	2'	4'	8'	12'
1-Power Mount				
3 Conductor	BSLM6202P13	BSLM6204P13	BSLM6208P13	BSLM6212P13
4 Conductor	BSLM6202P14	BSLM6204P14	BSLM6208P14	BSLM6212P14
7 Conductor	BSLM6202P17	BSLM6204P17	BSLM6208P17	BSLM6212P17

Non-Power Mount	BSLM6202N	BSLM6204N	BSLM6208N	BSLM6212N
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### ☐ Mount Type: T-Bar 9/16" by 5/16" Slot Grid (On-Grid)\*



- 65 lbs maximum load
- Canopy: Diameter of 3 3/4"x 7/32"
- Cable: 7x7 stranded aircraft cable
- Supported by T-bar and secured to structure
- J-Box: 4" square (supplied by others)
- Fully adjustable vertically at fixture

1-Power Mount

Non-Power Mount

Supension Length

	2'	4'	8'	12'
1-Power Mount				
3 Conductor	BSLM6302P13	BSLM6304P13	BSLM6308P13	BSLM6312P13
4 Conductor	BSLM6302P14	BSLM6304P14	BSLM6308P14	BSLM6312P14
7 Conductor	BSLM6302P17	BSLM6304P17	BSLM6308P17	BSLM6312P17

Non-Power Mount	BSLM6302N	BSLM6304N	BSLM6308N	BSLM6312N
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## Job Information

## Type:

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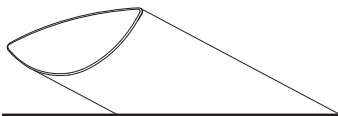
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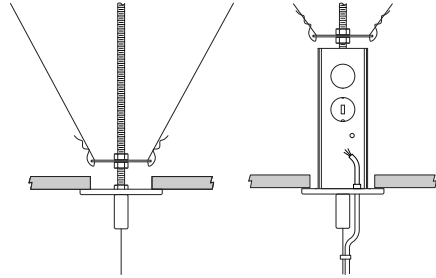
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**\*Note:** Standard T-bar mounts are currently not available for tegular tile ceilings, however certain tegular tile / T-bar combinations may be supported by the use of the slot-grid mount. For more information, please consult factory.



☐ **Mount Type: T-Bar Fixed Position (1/4-20 Threaded Rod)**



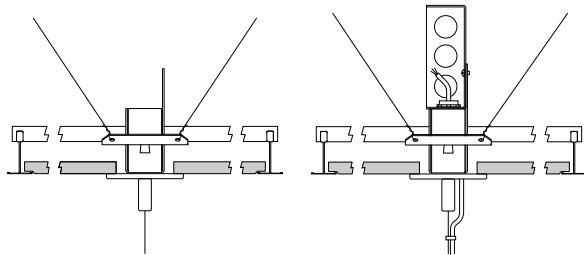
- Meets UBC, OSHPD and DSA seismic requirements
- Canopy: Diameter of 5 1/4" x 3/4" (power)
- Cable: 7x7 stranded aircraft cable
- Tile cut-out hole: Diameter of 2 1/2" (power) or 3/4" (non-power)
- J-Box: Integral J-Box supplied
- 1/4 - 20 all thread rod (supplied by others)
- Fully vertically adjustable at fixture



**Supension Length**

	2'	4'	8'	12'
1-Power Mount				
3 Conductor	BSLM2102P13	BSLM2104P13	BSLM2108P13	BSLM2112P13
4 Conductor	BSLM2102P14	BSLM2104P14	BSLM2108P14	BSLM2112P14
2-Power Mount				
3 Conductor	BSLM2102P23	BSLM2104P23	BSLM2108P23	BSLM2112P23
Non-Power Mount	BSLM2102N	BSLM2104N	BSLM2108N	BSLM2112N

☐ **Mount Type: T-Bar Variable Position**



- Meets UBC, OSHPD and DSA seismic requirements
- Canopy: Diameter of 3" x 7/32"
- Cable: 7x7 stranded aircraft cable
- Tile cut-out hole: Diameter of 2 1/4"
- Aligned by T-bar and secured to structure
- J-Box 4" square (supplied by others)
- Fully vertically adjustable at fixture
- Adjusts to both 1" and 1 1/2" high T-bar systems

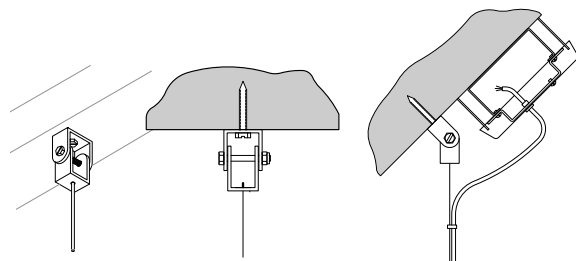


**Supension Length**

	2'	4'	8'	12'
1-Power Mount				
3 Conductor	BSLM5102P13	BSLM5104P13	BSLM5108P13	BSLM5112P13
4 Conductor	BSLM5102P14	BSLM5104P14	BSLM5108P14	BSLM5112P14
7 Conductor	BSLM5102P17	BSLM5104P17	BSLM5108P17	BSLM5112P17
2-Power Mount				
3 Conductor	BSLM5102P23	BSLM5104P23	BSLM5108P23	BSLM5112P23
Non-Power Mount	BSLM5102N	BSLM5104N	BSLM5108N	BSLM5112N

**\*Note:** Supports 15/16", 9/16" and slot grid ceiling types.

☐ **Mount Type: Support or Open-Joist Ceiling**



- Meets UBC, OSHPD and DSA seismic requirements
- Canopy: Diameter of 5 1/4" x 3/4" (power)
- Cable: 7x7 stranded aircraft cable
- Versatile mount, fully adjustable to accomodate open sloped ceilings
- J-Box: 4" octagonal box (supplied by others)
- Fully vertically adjustable at fixture



**Supension Length**

	2'	4'	8'	12'
1-Power Mount				
3 Conductor	BSLM3102P13	BSLM3104P13	BSLM3108P13	BSLM3112P13
4 Conductor	BSLM3102P14	BSLM3104P14	BSLM3108P14	BSLM3112P14
7 Conductor	BSLM3102P17	BSLM3104P17	BSLM3108P17	BSLM3112P17
2-Power Mount				
3 Conductor	BSLM3102P23	BSLM3104P23	BSLM3108P23	BSLM3112P23
Non-Power Mount	BSLM3102N	BSLM3104N	BSLM3108N	BSLM3112N

**Job Information**

**Type:**

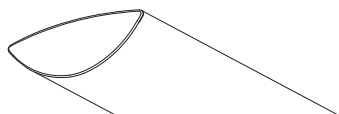
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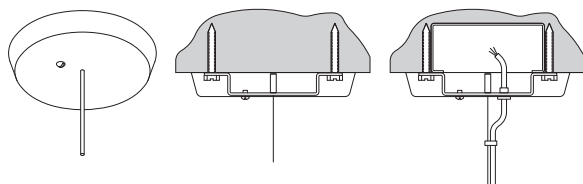
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☐ **Mount Type: Non-Accessible Ceilings (concrete, gypsum etc.)**



- Meets UBC, OSHPD and DSA seismic requirements
- Canopy: Diameter of 5 1/4" x 3/4" (power)
- Cable: 7x7 stranded aircraft cable
- Mountable on 0° - 15° sloped ceiling
- Optional Chicago Plenum approved version available (A4)
- J-Box: 4" octagonal box (supplied by others)
- Fully vertically adjustable at fixture

1-Power Mount



2-Power Mount



Non-Power Mount



**Suspension Length**

1-Power Mount

3 Conductor

4 Conductor

7 Conductor

2-Power Mount

3 Conductor

Non-Power Mount

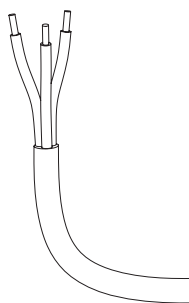
2'	4'	8'	12'
<b>BSLM1102P13</b>	<b>BSLM1104P13</b>	<b>BSLM1108P13</b>	<b>BSLM1112P13</b>
<b>BSLM1102P14</b>	<b>BSLM1104P14</b>	<b>BSLM1108P14</b>	<b>BSLM1112P14</b>
<b>BSLM1102P17</b>	<b>BSLM1104P17</b>	<b>BSLM1108P17</b>	<b>BSLM1112P17</b>

<b>BSLM1102P23</b>	<b>BSLM1104P23</b>	<b>BSLM1108P23</b>	<b>BSLM1112P23</b>
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<b>BSLM1102N</b>	<b>BSLM1104N</b>	<b>BSLM1108N</b>	<b>BSLM1112N</b>
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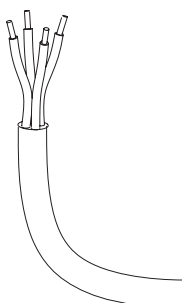
## Cord Types

☐ **3 Conductor**



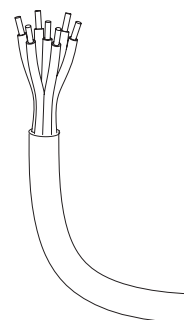
- Max. 10 amps
- Max. 300V

☐ **4 Conductor**



- Max. 10 amps in a 1 circuit application
- Max. 5 amps per circuit in a 2 circuit application
- Max. 300V
- Good for 2 circuit feeds or a 1 circuit feed with a battery pack hot lead
- 120V or 277V applications

☐ **7 Conductor**



- Max. 10 amps in a 1 circuit application
- Max. 5 amps per circuit in a multi-circuit application
- Good for 3 circuit feeds or 2 circuit feeds with a battery pack hot lead
- 120V or 277V applications

### Job Information

### Type:

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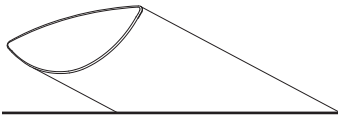
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## Wiring Options: 1 Circuit

### 1 Circuit

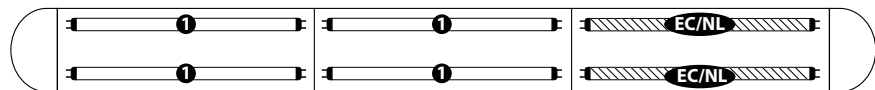
- ☐ **Type 1:** 1cct.
- ☐ **Type 8:** 1cct. w/1cct. thru wire
- ☐ **Type H:** 1cct. w/2cct. thru wire
- ☐ **Type 7:** 1cct. w/dimming



All lamps wired on one circuit.

### 1 Circuit with Emergency Circuit/Night Light (EC/NL)

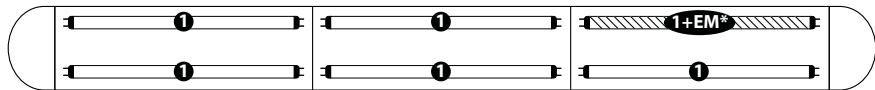
- ☐ **Type 3:** 1cct. w/EC/NL



One 4' section in a one circuit fixture to be wired on a separate thru circuit. Leads for both normal circuit and EC/NL circuit wired to fixture ends. All lamps in EC/NL section to be wired together.

### 1 Circuit with Emergency Battery Pack (EM)

- ☐ **Type 5:** Chloride standard C700A
- ☐ **Type M:** Bodine standard B70A
- ☐ **Type E:** Chloride high performance C1400
- ☐ **Type P:** Bodine high performance B50

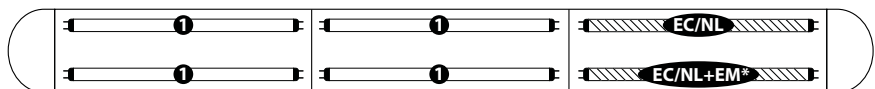


All lamps wired on one circuit, plus a battery pack is wired to one lamp. A hot lead is connected to the battery pack and would function as a 'trigger' wire when connected to a constant hot by installer. Leads for both normal circuit and battery pack are wired to fixture ends.

*\*Note: Multi-lamp battery packs are also available.*

### 1 Circuit with Emergency Circuit/Night Light and Emergency Battery Pack

- ☐ **Type J:** Chloride standard C700A



One 4' section in a one circuit fixture to be wired on a separate thru circuit, in addition, a battery pack is wired to one lamp. Installer can connect 'trigger' wire to EC hot lead if controlled together or wire separately if controlled independently. Leads for normal circuit, EC/NL and EM wired to fixture ends. All lamps in EC/NL section to be wired together.

*\*Note: Multi-lamp battery packs are also available.*

#### Job Information

#### Type:

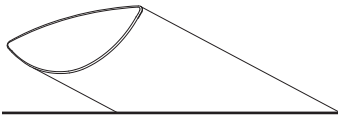
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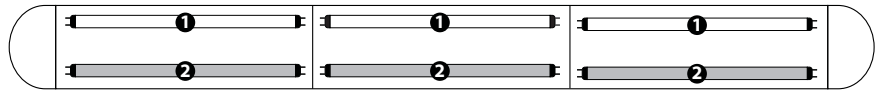
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## Wiring Options: 2 Circuit Left/Right Switching

### 2 Circuit Left/Right Switching

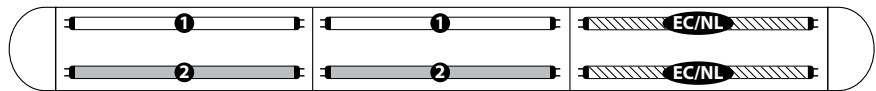
- ☐ **Type 2:** 2cct.
- ☐ **Type 9:** 2cct. w/1cct. thru wire
- ☐ **Type I:** 2cct. w/2cct. thru wire



Fixture wired for two circuit. Lamps wired for left/right switching.

### 2 Circuit Left/Right Switching with Emergency Circuit/Night Light (EC/NL)

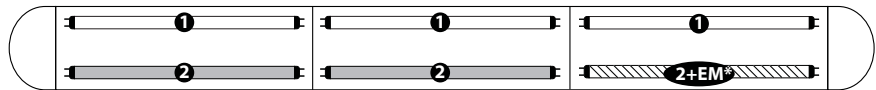
- ☐ **Type 4:** 2cct. w/EC/NL



One 4' section in two circuit fixture (left/right switching) to be wired on a separate thru circuit. Leads for both normal circuit and EC/NL circuit wired to fixture ends. All lamps in EC/NL section to be wired together.

### 2 Circuit Left/Right Switching with Emergency Battery Pack (EM)

- ☐ **Type 6:** Chloride standard C700A
- ☐ **Type N:** Bodine standard B70A
- ☐ **Type F:** Chloride high performance C1400
- ☐ **Type Q:** Bodine high performance B50

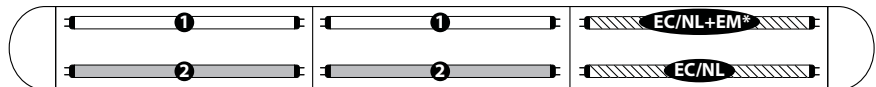


Fixture wired for two circuits (left/right switching), plus a battery pack is wired to one lamp. A hot lead is connected to the battery pack and would act as a 'trigger' wire when connected to a constant hot by installer. Leads for both normal circuit and battery pack are wired to fixture ends.

*\*Note: Multi-lamp battery packs are also available.*

### 2 Circuit Left/Right Switching with Emergency Circuit/Night Light and Emergency Battery Pack

- ☐ **Type K:** Chloride standard (C700A for T8, CTP700 for T5 HO)



One 4' section in a two circuit fixture (left/right switching) to be wired on a separate thru circuit, in addition, a battery pack is wired to one lamp. Installer can connect 'trigger' wire to EC hot lead if controlled together or wired separately if controlled independently. Leads for normal circuit, EC/NL and battery pack are wired to fixture ends. All lamps in EC/NL section to be wired together.

*\*Note: Multi-lamp battery packs are also available.*

#### Job Information

#### Type:

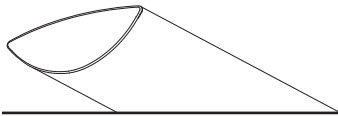
Lightolier a Genlyte Company

www.lightolier.com

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We reserve the right to change details of design, materials and finish.

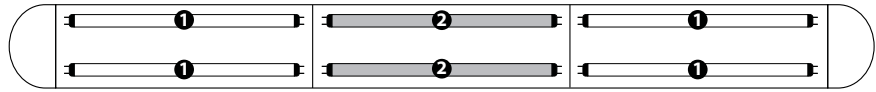
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## Wiring Options: 2 Circuit A/B Switching (alternate 4' sections)

### 2 Circuit A/B Switching (alternate 4' sections)

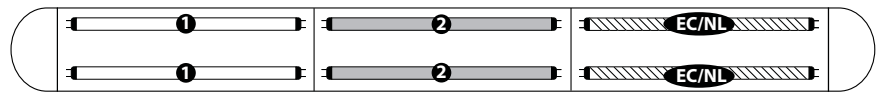
- ☐ **Type B:** 2cct. A/B
- ☐ **Type A:** 2cct. A/B w/1cct. thru wire
- ☐ **Type S:** 2cct. A/B w/2cct. thru wire



Fixture wired for two circuit. Lamps wired for A/B switching in alternate 4' sections.

### 2 Circuit A/B Switching (alternate 4' sections) with Emergency Circuit/Night Light (EC/NL)

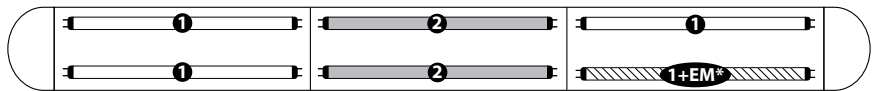
- ☐ **Type C:** 2cct. w/EC/NL



One 4' section in a two circuit fixture (A/B switching) to be wired on a separate thru circuit. Leads for both normal circuit and EC/NL circuit wired to fixture ends. All lamps in EC/NL section to be wired together.

### 2 Circuit A/B Switching (alternate 4' sections) with Emergency Battery Pack (EM)

- ☐ **Type D:** Chloride standard  
C700A
- ☐ **Type O:** Bodine standard  
B70A
- ☐ **Type G:** Chloride high performance  
C1400
- ☐ **Type R:** Bodine high performance  
B50

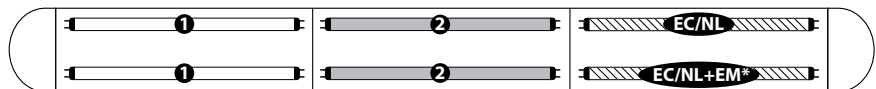


Fixture wired for two circuits (A/B switching), plus a battery pack is wired to one lamp. A hot lead is connected to the battery pack and would act as a 'trigger' wire when connected to a constant hot by installer. Leads for both normal circuit and battery pack are wired to fixture ends.

*\*Note: Multi-lamp battery packs are also available.*

### 2 Circuit A/B Switching (alternate 4' sections) with Emergency Circuit/Night Light and Emergency Battery Pack

- ☐ **Type L:** Chloride standard  
C700A



One 4' section in a two circuit fixture (A/B switching) to be wired on a separate thru circuit, in addition, a battery pack is wired to one lamp. Installer can connect 'trigger' wire to EC hot lead if controlled together or wired separately if controlled independently. Leads for normal circuit, EC/NL circuit and battery pack are wired to fixture ends. All lamps in EC/NL section to be wired together.

*\*Note: Multi-lamp battery packs are also available.*

#### Job Information

#### Type:

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